Duane W. Smith Auditorium
Technical Schedule

FACILITIES

SEATING

- 956 seats on one level.
- Seating is traditional style with three sections and four isles.
- Farthest seat is 97' from plaster line.
- Currently rows are marked seats are not.
- Space is available at the front right section of the auditorium, which can accommodate twenty-five folding chairs, or ten wheelchairs and ten folding chairs for those accompanying.
- Currently space is available in the center seating section of the auditorium, which may accommodate three wheelchairs or other special needs seating.
- Maximum seating at any time is 1000.
- The extreme sightline eye point is located 16' from plaster line, 24' from centerline.
- The house floor is dished, and is 3'8" below the stage at its lowest point. *Notice: the rake of the floor is shallow the stage floor may not be seen by the front half of the audience.*

STAGE

Dimensions

- Proscenium width – 47'
- Proscenium height – 20'
- Proscenium thickness – 2' 4"
- Apron depth – 8' 6" *(CL to PL)*, tapers to 5' 10" each side.
- Stage depth - 36' 6" *(PL to back wall).*
- SL Wing width – 20'
- SR Wing width - 16' *(to locking rail.)*
- Grid height – 47' 4"
- Pin/Loading Rail height – 20'

Deck

- The stage floor is hardwood in the performance area. Softwood in the wings and across the upstage area. *Notice: The floor may not be marked with anything other than "Spike Tape" or "Gaffers Tape". No screws or nails larger than 6d may be driven into the floor.*
- The floor is laid on soft wood, which is laid on concrete. *(Not sprung)*
- A trap door 5' deep by 10' wide is located center stage 14' from plaster line.
- A "Marley" type performance/dance floor is available.

Access

- The hospitality entrance *(Double doors, fire* rated) is located stage left center.
- The stage is accessible from the house via stairs on either side of the apron.
- The stage is accessed from the backstage area via hospitality common hallway. The door is labeled STAGE.
- Four 20 amp circuits stage left wing.

ORCHESTRA PIT

Dimensions

- Width – 43'
- Depth – 8' (CL)
- Distance below stage – 5'
- Distance below house floor – 11"

Equipment

- 2 - 20 amp circuits.
- 9' by 6' hydraulic lift located on stage right side of the pit. (No full orchestra lift).
- The pit is equipped with a removable decking (cover), which is carpeted.
- Capacity is 30 musicians.

The orchestra pit is extremely "live".
The apron face and front rail can be lined with fabric, and the front rail height can be adjusted to help control the sound. The floor is carpeted.

Duane W. Smith Auditorium
Technical Schedule

HOSPITALITY

Dressing Rooms and Green Room are located off stage left, at stage level, all within 25' of the stage entrance. No laundry facilities available. No shore-power.

Women's Dressing Room

- Chorus style room tiled floors 15' by 15'.
- 14 Make-up stations with countertop, mirrors and lighting. *(Filtered fluorescent)*
- 1 Heavy-duty rolling wardrobe rack.
- 1 Wall mounted mirror 3' by 6'.

Adjoining lavatory 8' by 15'.

- 2 Sinks with mirrors.
- 2 Stalls with commodes, *(One handicap accessible)*

Men's Dressing Room

- Chorus style room tiled floors 15' by 15'.
- 14 Make-up stations with countertop, mirrors and lighting. *(Filtered fluorescent)*
- 1 Heavy-duty rolling wardrobe rack.
- 1 Wall mounted mirror 3' by 6'.

Adjoining lavatory 10' by 15'.

- 2 Sinks with mirrors.
- 2 Urinals.
- 1 Stall with commode. *(Handicap accessible)*

Green Room

- Room carpeted, dimensions 15' by 15'.
- ½ kitchen includes microwave, refrigerator, double basin kitchen sink, storage cabinets, breakfast bar, and two bar stools.
- Furnishings - Sofa, Dinning table with three chairs, 2 chairs, coffee table, end table, table lamps, and floor lamp.
- Full-length mirror mounted on back of the door.
- Technical considerations – Internet connectivity via cat 5 Jack, telephone, DVD/VCR, Video monitor.
- Small rolling wardrobe rack.

LOAD-IN

Loading is accomplished via a truck-level loading dock located on the north side of the building.

- Loading dock 3' 2" high.
- Metal roll up door 6' 10" wide, 9' 2" high.
- Stage load-in double fire door. 6' 10" wide, 10' 4" high.
- Load-in path is straight and level with the stage floor.

LOBBY

- Room is 50' by 25'.
- 1 – 20 amp electrical circuit located on the northeast wall.
- Tile floor, glass and brick walls.

Box Office

- 47" LCD monitor.
- DVD/VHS player.
- Telephone, Internet connectivity.
- 1 – 20 amp circuit, located on the north wall.
- Wall mounted electric heater with timer.

Duane W. Smith Auditorium
Technical Schedule

SYSTEMS

RIGGING

Counterweight System

- The T-Track guided counterweight system has 28 line sets.
- Battens are 60’ long, supported by 6 lift lines.
- The locking rail is located deck level stage right.
- Loading/Pin rail is located stage right 20’ above the deck, accessible by wall-mounted ladder.
- The grid is 47’ 4” above the stage floor. It is accessible by a circular metal staircase located stage left wing.

Masking

Travelers

- Grand Drape Line set 1.
- Mid Stage Line set 14.
- Up Stage Line set 23.
- All travelers are manually operated from stage right.

Legs

- Six (6) 12' by 22' black velour legs.

Borders

- Four (4) 42' by 8' black velour border.

Backings

- One (1) 62' by 32' sky blue flat Cyc.
- One (1) 50' by 22' Bleached white Cyc.

Equipment

Ladders

- One 12' non-rolling fiberglass A-frame.
- One 8' fiberglass A-frame.
- One adjustable (4ft to 10ft.) metal A-frame/extension.

Electrical

- There are four convenience outlets on the upstage wall fed from one 20A breaker.
- One 20A outlet is located on each side of the stage inside the proscenium arch.
- Two 20A outlet strips are located in the orchestra pit.
- Four 20A outlets located in the stage left wing.
- Work lights are located around the offstage areas and are controlled by a switch next to the stage door (stage left).
- Performance area work light is provided by permanent border lights, recessed above the apron.

Miscellaneous

- Three large "props" tables.
- Sixty (60) Wenger performance chairs.
- Sixty (60) Wenger music stands.
- Two (2) Podium/Lectern.
- One (1) each US and New Mexico Flags.

Pianos

- A Wurlitzer upright.
- A 5' Yamaha Baby Grand (LAHS Music Department).
- A 1949 Steinway Model D Concert Grand.
- All tuning costs are the responsibility of the user. A list of LAPS approved tuners is available from the Theater Manager.

Duane W. Smith Auditorium
Technical Schedule

VIDEO

- One (1) Panasonic AGDVX100BPS camcorder.
- Two (2) Sony EVI-D70 PTZ color cameras.
- One (1) Sony RM-BR300 remote control.
- Two (2) Sony GVHD700 recorder with monitor.
- One (1) Datavideo TLM702MH - Dual 7' Rack mount monitors.
- One (1) Marshall Electronics V-R151DP-AFSD 15" rack mount monitor.
- One (1) Proxima Desk Top video projector.
- One (1) LG 47" LCD Marquee monitor.
- One (1) 15' by 30' video screen (line set 5).
- One (1) Matrox MX02 video I/O.
- Apple Final Cut Pro LE - Mac work station.
- Digital Juice - Editors Tool Box.

LIGHTING

Control Console

- ETC Express 72/144 console, with 10" color monitor.
- Architectural lighting control panels are located stage right and control booth.

Dimmers

- ETC Sensor Rack with CEM+ control module.
- Forty-Two (42) D20 Dimmer Modules.
- One (1) Elation Opto Branch-4 DMX splitter/booster.
- One (1) ETC ULD-360 HP Dimmer.

Instruments

- Twenty (20) Altman PAR 64.
- Fifteen (15) Altman PAR 56.
- Ten (10) American DJ 64B LED Pro.

- Twelve (12) Strand Fresnel 8".
- Six (6) Altman Fresnel 6".
- Fourteen (14) ETC PARNEL.

- Two (2) Altman Three cell cyc.
- Two (2) Altman Two cell cyc.

- Two (2) ETC source four 10 degree.
- Twenty-four (24) ETC source-four 19 degree.
- Ten (10) ETC source-four 26 degree.
- Eighteen (18) ETC source-four 36 degree.
- Two (2) ETC source four zoom 15/30 degree.
- Two (2) ETC source four 90 degree.

- Two (2) Altman 1000Q Follow Spot.

Atmospheric

- One (1) Rosco Delta Hazer
- Two (2) American DJ Fog Storm HD.

Duane W. Smith Auditorium
Technical Schedule

AUDIO

Console
- YAMAHA MG32/14FX.

System
- Dbx Drive Rack Pro (mains).
- Ashley Protea 4.24G 4 channel equalizer - system processor (monitors).
- Two (2) PreSonus ACP88 8 channel compressor/limiter.
- One TC Electronic M1-XL Dual Effects Signal Processor.

Audio Playback/Record
- Numark CDN 25 dual CD player.
- Sony CDPCE375 CD play/recorder.
- Apple Logic - Mac work station.
- Two (2) Alesis ADAT.

Main Speakers
- Two (2) Yamaha CW215V (main).
- Two (2) Yamaha CW218V Sub (main).
- Four (4) Yamaha CM15V Floor monitor.

Amplifier System
- One (1) Yamaha P5000S.
- One (1) Yamaha P7000S.
- Two (2) QSC RMX 1850HD.
- Four (4) separate monitor mixes are available.

Clear Com
- One (1) MS702 Main Station.
- Five (5) RS-601 Body Packs.
- Five (5) CC 95 single cup headsets.
- Two (2) 501 Body Packs.
- Two (2) single cup headsets (CC model unknown).

Microphones

Wireless
- Twenty (20) Shure ULXP4 receivers.
- Twenty (20) Shure ULX1-J body-pack transmitters.
- Sixteen (16) Shure ULX2-J hand held with SM58 head.
- Twenty (20) Countryman E60W5L1SL headset.
- Three (3) Shure UA844 antenna/power distribution units.
- Two (2) Shure UA870 wide band antenna.

Wired
- Eight (8) Shure SM58 hand held.
- Three (3) Shure SM57 hand held.
- Two (2) Shure Beta 98H Instrument.
- Two (2) CAD M179 Condenser.
- One (1) Audix D5 percussion.
- One (1) Audix D4 percussion.
- One (1) Audix D6 percussion.
- Two (2) Audix D2 percussion.
- Three (3) Crown PCC-160.
- Three (3) Crown PZM-6LPG.

Direct Box
- Two Rapco DB-100
- Three (3) Behringer Ultra-DI DI20

Stands
- Eight (8) Table top.
- Five (5) Atlas MS-25 (three with extend-able mini booms).
- Two (2) Proel mid height. (kick type).
- One (1) Atlas (round base).
- Three (3) Ultimate Support (tripod base).
- Four (4) percussion rim clips.

Portable P.A.
- One (1) Fender Passport P-150

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Line	Purposed	Measurement
1	Grand Drape	1' 6"
2	Border	2' 5"
3		3' 1"
4	1st Electric	3' 8"
5		5' 0"
6	Video Screen	5' 9"
7		6' 9"
8		8' 0"
9	Legs	8' 10 "
10		9' 10"
11	Border	10' 4"
12		11' 9"
13	2nd Electric	12' 6"
14	Mid Stage Traveler	14' 0"
15		14' 11"
16	Traveler Track (No Drape)	16' 0"
17	Border	16' 11"
18	Legs	17' 6"
19		18' 1"
20	3rd Electric	19' 6"
21		21' 3"
22		23' 1"
23	Travel	24' 10"
24	Legs	26' 4"
25		27' 2"
26		28' 3"
27	Cyc	29' 3"
28		30' 3"
	Back Wall	33' 9"